

## Implementation Guidelines for May 26, 1999 Part 75 Revisions

**Question:** The revisions to Part 75 that were published on May 26, 1999 became effective on June 25, 1999. Must all of the new rule provisions be implemented immediately? If not, can you provide guidance, including a time table, for implementing the new rule provisions?

**Answer:** EPA has identified six categories of rule provisions in the May 26, 1999 rulemaking:

- (1) Category 1: Provisions that have an effective date of June 25, 1999 that are required and must be implemented beginning on June 25, 1999.
- (2) Category 2: Provisions that have an effective date of June 25, 1999 that are optional and may be used on and after June 25 1999.
- (3) Category 3: Provisions that will be required on a date after June 25, 1999 (April 1, 2000, in most cases). These provisions may, at the discretion of the owner or operator, be used on and after June 25, 1999.
- (4) Category 4: Provisions that have an effective date of June 25, 1999, but for which EPA is extending the required implementation date in this policy beyond June 25, 1999 to allow for equipment and DAHS upgrades.
- (5) Category 5: One provision that has an effective (starting) date of January 1, 2000 and may not be used until that date.
- (6) Category 6: Provisions that were deleted or replaced with a less stringent requirement from Part 75 in the May 26, 1999 final rule revisions.

Table 1, below, summarizes the major Part 72 or 75 revisions that were promulgated on May 26, 1999. Each rule provision has been placed in one of the categories described above and guidelines are given for implementation of each provision. The category number assigned to each rule provision appears in square brackets in the first column of Table 1 (e.g., [2] stands for Category 2). Note that full implementation of several new rule provisions in Categories 1, 2, 3, and 4 requires a DAHS upgrade from EDR v1.3 to EDR v2.1. However, since you are *not allowed* to submit quarterly report data to EPA in EDR v2.1 format until the first quarter of 2000 and are *not required* to submit in EDR v2.1 format until the second quarter of 2000, interim guidance is needed to implement these provisions while EDR v1.3 is still being used (i.e., in the period from June 25, 1999 to April 1, 2000 (or January 1, 2000, if the EDR v2.1 upgrade is done in the first quarter of 2000)). Table 1 provides the necessary interim guidelines. Note that where Table 1 indicates that you should conduct certain reporting "after the EDR v2.1 DAHS upgrade is done" (or similar phrase), you cannot use EDR v2.1 reporting prior to reporting data for the first quarter of 2000 even if your DAHS upgrade is completed prior to that time.

**Table 1: Summary of May 26, 1999 Revisions to 40 CFR Parts 72 and 75  
With Implementation Guidelines**

Category 1 Provisions				
Part 75 or 72 Rule Provision and [Category]	Effective Date or Date First Allowed	Date or Quarter Required	Key Rule Citation(s)	Guidelines for Implementation and Reporting
New certification and recertification procedures [1]	6-25-99	6-25-99	§ 75.20(a), (b), and (g)	As of 6-25-99, the process for submitting and reviewing certification and recertification applications has been made uniform. There is now a 120 day review period for both types of applications. There are new (restricted) definitions of recertification events in § 75.20(b) and (g)(6). Only a recertification event requires a formal recertification application.  EPA plans to implement a more efficient mechanism for receiving and processing the electronic portion of certification and recertification applications by January 1, 2000. Please continue to submit certification or recertification applications and test results in the usual way until this procedure is in place.
Determination of the upper and lower boundaries of the "range of operation" and definition of the "low," "mid," and "high" load levels [1]	6-25-99	6-25-99	Appendix A, Section 6.5.2.1	Starting 6-25-99, keep records of these determinations. When the EDR v2.1 DAHS upgrade is done, report the upper and lower boundaries of the range of operation in RT 536.
Keeping of certain on-site maintenance records and records of flow monitor polynomial coefficients, moisture monitor K-factors, etc. [1]	6-25-99	6-25-99	Appendix B, Section 1.1.3	Begin keeping a maintenance log (if one is not currently kept) as of June 25, 1999. Also record the current values of the flow and moisture monitor polynomials, K-factors, etc., and keep records of any changes to these values, beginning on June 25, 1999.
Changes to the general RATA procedures [1]	6-25-99	6-25-99	Appendix A, Sections 6.5.7 through 6.5.9	Use these provisions for all RATAs performed on or after 6-25-99.  Keep appropriate records when required.
Minimum separation of 25% of the range of operation between flow RATA audit points at adjacent load levels [1]	6-25-99	6-25-99	Appendix A, Section 6.5.2(a) and Appendix B, Section 2.3.1.3(c)(6)	Use these provisions for all flow RATAs performed on and after 6-25-99.
Data validation rules for RATAs and linearity checks [1]	6-25-99	6-25-99	Appendix B, Sections 2.2.3 and 2.3.2	Use these provisions for all RATAs and linearity checks performed on and after 6-25-99.
"Additional" calibration error test requirements following failed calibrations, corrective maintenance, and certain "routine" and "non-routine" monitor adjustments [1]	6-25-99	6-25-99	Appendix B, Section 2.1.3	Use these calibration error test provisions and the associated data validation rules on and after 6-25-99.

(cont.)

**Table 1: Summary of May 26, 1999 Revisions to 40 CFR Parts 72 and 75  
With Implementation Guidelines**

Category 1 Provisions (cont.)				
Part 75 or 72 Rule Provision and [Category]	Effective Date or Date First Allowed	Date or Quarter Required	Key Rule Citation(s)	Guidelines for Implementation and Reporting
New fuel flowmeter quality assurance schedule under Appendix D ( <u>i.e.</u> , perform accuracy testing once every four "fuel flowmeter QA operating quarters," not to exceed 20 consecutive calendar quarters) [1]	6-25-99	6-25-99	Appendix D Section 2.1.6	In determining the deadline for the next fuel flowmeter accuracy test, you may count any calendar quarter since the last accuracy test as a "non-fuel flowmeter QA operating quarter" (including quarters prior to Q2 1999), if the applicable fuel was combusted for < 168 hours in the quarter.  When reporting in EDR v1.3 format, claim fuel flowmeter QA test extensions in RT 910. After the upgrade to v2.1, use RT 696 to claim accuracy test deadline extensions.
Two-load annual flow RATAs [1]	6-25-99	6-25-99	Appendix B, Section 2.3.1.3(c)(1)	On and after June 25, 1999 perform two-load annual flow RATAs, for routine QA purposes, at the two most frequently-used load levels, as defined in Section 6.5.2.1 of Appendix A (unless the unit qualifies for a single-load test). Owners and operators should perform the historical load analysis described in Section 6.5.2.1 of Appendix A, to ensure that the proper load levels are chosen for the RATA.  When this provision is used prior to the date of the EDR v2.1 DAHS upgrade, indicate this in RT 910 of the quarterly report. Thereafter, indicate the number of flow RATA load levels in RT 611.
Use of "conditionally valid" data for recertifications and diagnostic tests ( <u>required</u> ) and for initial certifications and routine linearity checks and RATAs ( <u>optional</u> ) [1]	6-25-99	6-25-99	§ 75.20(b)(3) and § 75.20 (d)(2)(iii)	Only data measured and recorded on and after June 25, 1999 can be considered conditionally valid data.  If the provision is used prior to the upgrade to EDR v2.1, document this in RT 910. Also indicate in RT 910 any quarter that ends with a "conditionally valid" data status for any pollutant or parameter.  After the upgrade to EDR v2.1, use RT 556 to document all periods of conditionally valid data.
RATA deadlines are determined on the basis of "QA operating quarters," rather than calendar quarters [1]	6-25-99	6-25-99	§ 72.2 (QA operating quarter definition)  Appendix B, Sections 2.3.1.1 and 2.3.1.2	In determining the deadline for the next RATA of a CEMS, you may count any calendar quarter since the last RATA of the system as a "non-QA operating quarter" (including quarters prior to Q2 1999), if there are < 168 unit or stack operating hours in the quarter.  In the time period from 6/25/99 to 4/1/00 (or 1/1/00 if the EDR v2.1 upgrade occurs in the 1st quarter of 2000), if you extend any RATA deadline(s) based on "non-QA operating quarters," indicate this in RT 910 of the electronic quarterly report. Thereafter, use RT 697 to claim RATA deadline extensions.

(cont.)

**Table 1: Summary of May 26, 1999 Revisions to 40 CFR Parts 72 and 75  
With Implementation Guidelines**

Category 2 Provisions				
Part 75 or 72 Rule Provision and [Category]	Effective Date or Date First Allowed	Date or Quarter Required	Key Rule Citation(s)	Guidelines for Implementation and Reporting
Use of the abbreviated flow-to-load ratio or GHR diagnostic test to validate flow rate data following corrective maintenance of the flow monitor or major component replacement [2]	6-25-99	Optional procedure which may be used on and after 6-25-99	Appendix B, Section 2.2.5.3	This test is essentially identical to the diagnostic test procedure described in Question 13.15.  If this provision is used prior to the date of the EDR v2.1 DAHS upgrade, indicate this in RT 910 of the quarterly report. Thereafter, report RT 556 when the diagnostic test is performed.
Conditional exemption from SO <sub>2</sub> RATA testing, for units with SO <sub>2</sub> monitors, if the annual usage of fuel with a sulfur content greater than "very low sulfur fuel" (as defined in § 72.2) is # 480 hours per year [2]	6-25-99	Optional procedure which may be used on and after 6-25-99	§ 75.21(a)(7)	As of June 25, 1999, you may implement this provision using fuel usage data for calendar year 1999.  Keep records of the annual high-sulfur fuel usage. Prior to the EDR v2.1 upgrade, claim the SO <sub>2</sub> RATA exemption by reporting the year-to-date usage of high sulfur fuel in RT 910. Thereafter, report RT 697 to claim the RATA exemption.
Cap of 1.111 on the bias adjustment factor (BAF) for low emitting sources of SO <sub>2</sub> and NO <sub>x</sub> [2]	6-25-99	Optional procedure which may be used on and after 6-25-99	Appendix A, Section 7.6.5(b)	The value of 1.111 for a BAF may be applied to data on and after June 25, 1999 to substitute for a higher BAF from a previously performed RATA at a qualifying low emitting source. The BAF value of 1.111 must be automatically applied to the unadjusted SO <sub>2</sub> and NO <sub>x</sub> data by the DAHS.
Revised alternative relative accuracy specifications for low emitting sources of SO <sub>2</sub> and NO <sub>x</sub> and for CO <sub>2</sub> monitors [2]	6-25-99	Optional procedure which may be used on and after 6-25-99	Appendix B, Section 2.3.1.2 and Figure 2	If the new alternate RA specifications are used prior to the date of the EDR v2.1 upgrade, indicate this in RT 910 of the quarterly report.  Thereafter, report a "1" in column 128 of EDR RT 611 to indicate that the alternative specification is used.
New options for gas RATA reference method traverse point location [2]	6-25-99	Optional procedure which may be used on and after 6-25-99	Appendix A, Section 6.5.6	Keep appropriate records as part of the test log, indicating the number and location of the RM traverse points.
Use of a stratification test to qualify for single-point gas RATA sampling or to qualify to use a "short" reference method measurement line following a wet scrubber [2]	6-25-99	Optional procedure which may be used on and after 6-25-99	Appendix A, Sections 6.5.6 through 6.5.6.3	Keep on-site records of all stratification tests performed.

**Table 1: Summary of May 26, 1999 Revisions to 40 CFR Parts 72 and 75  
With Implementation Guidelines**

Single-load annual flow RATA testing for units that have operated at one load level (L, M, or H) for \$ 85% of the time since the last annual flow RATA [2]	6-25-99	Optional provision which may be used on and after 6-25-99	Appendix B, Section 2.3.1.3(c)(3)	If this provision is used prior to the date of the EDR v2.1 DAHS upgrade, indicate this in RT 910 of the quarterly report. Thereafter, report RT 695 to make a single-load flow RATA claim.
---	---------	---	-----------------------------------	---

(cont.)

Category 2 Provisions (cont.)				
Part 75 or 72 Rule Provision and [Category]	Effective Date or Date First Allowed	Date or Quarter Required	Key Rule Citation(s)	Guidelines for Implementation and Reporting
Quarterly linearity check or leak check exemption, based on infrequent operation ( <i>i.e.</i> , < 168 unit or stack operating hours in the quarter) [2]	6-25-99	Optional provision which may be used on and after 6-25-99	Appendix B, Sections 2.2.1 and 2.2.2	The first quarter for which you may claim an exemption to a linearity check or leak check is the second quarter of 1999.  If these provisions are used prior to the date of the EDR v2.1 DAHS upgrade, indicate this in RT 910 of the quarterly report. Thereafter, report RT 698 to claim quarterly linearity check or leak check exemptions.
Linearity exemption for SO <sub>2</sub> and NO <sub>x</sub> monitors with a span value of # 30 ppm [2]	6-25-99	Optional provision which may be used on and after 6-25-99	Appendix A, Section 6.2	The first quarter in which you may claim this linearity check exemption is the second quarter of 1999.
Linearity check only required on the range(s) actually used for reporting during the quarter [2]	6-25-99	Optional provision which may be used on and after 6-25-99	Appendix B, Section 2.2.1	The second quarter of 1999 is the first quarter you may claim a linearity exemption based on this provision.  If this provision is implemented prior to the date of the EDR v2.1 DAHS upgrade, indicate this in RT 910 of the quarterly report. Thereafter, use RT 698 to claim quarterly linearity check exemptions.
"Grace periods" for RATAs, linearity checks, and leak checks, to extend the deadlines for missed QA tests [2]	6-25-99	Optional provision which may be used on and after 6-25-99	Appendix B, Sections 2.2.4 and 2.3.3	Grace periods may be applied to any missed QA test deadline, beginning with the second quarter, 1999 test deadline ( <i>i.e.</i> , June 30, 1999).  If grace periods are used prior to the date of the EDR v2.1 DAHS upgrade, indicate this in RT 910 of the quarterly report. Thereafter, report RT 699 when a grace period is used to extend a QA test deadline.
Use of a mid-level calibration gas for daily calibration error tests [2]	6-25-99	Optional provision which may be used on and after 6-25-99	Appendix A, Sections 6.3.1 and 7.2.1 Appendix B, Section 2.1.1	If this provision is implemented prior to the date of the EDR v2.1 DAHS upgrade, indicate this in RT 910 of the quarterly report. Perform calibration error tests in the usual manner, replacing the letter "H" in column 71 of RT 230 with "M". This substitution may be performed manually prior to the EDR v2.1 upgrade.

**Table 1: Summary of May 26, 1999 Revisions to 40 CFR Parts 72 and 75  
With Implementation Guidelines**

Alternative calibration error specification for low-span differential pressure-type flow monitors [2]	6-25-99	Optional provision which may be used on and after 6-25-99	Appendix A, Section 3.1	Report the reference and measured values to 0.01 inches of H <sub>2</sub> O in columns 37 and 50 of EDR record type 230. If the value of * R - A * is less than 0.05 inches H <sub>2</sub> O, report the results in column 63 of RT 230 as 0.0, since the field only has one decimal place. Report a "1" in column 68 of RT 230 to indicate that the alternate performance specification is being used.
---	---------	---	-------------------------	---

(cont.)

**Table 1: Summary of May 26, 1999 Revisions to 40 CFR Parts 72 and 75  
With Implementation Guidelines**

Category 2 Provisions (cont.)				
Part 75 or 72 Rule Provision and [Category]	Effective Date or Date First Allowed	Date or Quarter Required	Key Rule Citation(s)	Guidelines for Implementation and Reporting
Use of "like-kind replacement" non-redundant backup analyzers [2]	6-25-99	Optional provision which may be used on and after 6-25-99	§ 75.20(d)	<p>If like-kind replacement analyzer is used, assign it a 3-digit component ID starting with "LK" (e.g. LK1) and include it in RT 510 as a component of the primary monitoring system. Perform a linearity test when the monitor is brought into service. Report the results of the validating linearity test of the analyzer.</p> <p>Report all quality assured data from the analyzer under the 3-digit "LK" component ID and flag each hour of data with a MODC of "17". Manual entry of the "LK" component ID and the MODC of 17 is permitted.</p>
Use of default high range value for SO <sub>2</sub> or NO <sub>x</sub> concentration, in lieu of maintaining a high monitor range (dual-span units, only) [2]	6-25-99	Optional provision which may be used on and after 6-25-99	Appendix A, Sections 2.1.1.4(f) and 2.1.2.4(e)	If you elect to implement this provision prior to the EDR v2.1 upgrade, the necessary mathematical algorithms must be automated within the DAHS. Report a MODC of "19" for hours in which the default high range value is used. The code "19" may be manually entered into RTs 200 and 201 until the deadline for the EDR v2.1 upgrade (April 1, 2000). Thereafter, the code must be generated automatically by the DAHS.
New Appendix D fuel sampling options [2]	6-25-99	Optional provisions which may be used on and after 6-25-99	Appendix D Section 2.2 for oil and Section 2.3 for gas	If you elect to use these new options prior to the EDR v2.1 upgrade report the sulfur content, GCV, and (if applicable) density value used to determine emissions for the hour in RTs 302, 303, 313, and 314. Use the existing code that is most appropriate to report the method of oil sampling in RT 313. Indicate in RT 910 the sampling procedures used if they are not fully supported by EDR v1.3.
Expanded use of "diluent cap" value [2]	6-25-99	Optional provision which may be used on and after 6-25-99	Appendix F, Sections 3.3.4, 4.1, 4.4.1, 5.2.1, 5.2.2, 5.2.3, and 5.2.4	EPA recommends that these provisions not be implemented until the EDR v2.1 upgrade is performed.
Use of optional fuel flow-to-load ratio test to extend fuel flowmeter QA test deadline [2]	6-25-99	Optional provision which may be used on and after 6-25-99	Appendix D Section 2.1.7	<p>The initial baseline flow-to-load ratio may be established using the historical data collected after the most recent fuel flowmeter accuracy test. If you elect to extend your fuel flowmeter accuracy test deadline using the fuel flow to load ratio test procedure, the test must be performed and passed for each quarter after the baseline data collection period ends, including quarter(s) prior to the second quarter of 1999.</p> <p>You may extend a fuel flowmeter accuracy test deadline starting with the second quarter of 1999.</p> <p>If the fuel flow-to-load ratio test is used prior to the deadline for the EDR v2.1 upgrade (April 1, 2000), indicate this in RT 910 of each quarterly report and summarize the test results. Thereafter, use RTs 629, 630, and 696 to report the test results and to claim extensions of the flowmeter accuracy test deadline.</p>

(cont.)

**Table 1: Summary of May 26, 1999 Revisions to 40 CFR Parts 72 and 75  
With Implementation Guidelines**

Category 3 Provisions				
Part 75 or 72 Rule Provision and [Category]	Effective Date or Date First Allowed	Date or Quarter Required	Key Rule Citation(s)	Guidelines for Implementation and Reporting
General record keeping requirements in § 75.57 through § 75.59 [3]	6-25-99	4-01-00 or 1-01-00, depending on date of DAHS upgrade to EDR v2.1	§ 75.57 through § 75.59	<p>These recordkeeping provisions correspond to the required DAHS upgrade from EDR v1.3 to v2.1, with one exception: if any new rule option is used prior to 4/1/00, the associated records in § 75.57 through § 75.59 must be kept on-site.</p> <p>Otherwise, in the interval from 6/25/99 to 4/1/00 (or 1/1/00 if the DAHS upgrade is done in the first quarter of 2000), the general recordkeeping provisions in § 75.54 through § 75.56 remain in effect.</p>
Reporting of SO <sub>2</sub> emission rates and heat input rates [3]	6-25-99	4-01-00 or 1-01-00, depending on date of DAHS upgrade to EDR v2.1	§ 75.57(b)(5) and (c)(4)	<p>Hourly reporting of SO<sub>2</sub> emission <u>rates</u> (lb./hr) and heat input <u>rates</u> (mmBtu/hr) is required. There was an error in § 75.54(b)(5) of the previous version of Part 75. Instead of requiring the heat input rate in mmBtu/hr, the rule had erroneously required total heat input in mmBtu. Also, there were misstatements in § 75.54(c)(3). The requirement to report SO<sub>2</sub> emissions in lb/hr was described as mass emissions of SO<sub>2</sub> rather than as an emission rate. Both of these errors have been corrected in the May 26, 1999 final rule.</p>



**Table 1: Summary of May 26, 1999 Revisions to 40 CFR Parts 72 and 75  
With Implementation Guidelines**

Quarterly stack flow-to-load ratio or gross heat rate test [3]	6-25-99	Second quarter in 2000	Appendix A, Sections 7.7 and 7.8  Appendix B, Section 2.2.5	EPA encourages sources to begin performing the flow-to-load ratio test before the second quarter of 2000.  Prior to upgrading your DAHS to EDR v2.1 format report flow-to-load ratio test results (pass/fail) in RT 910. Thereafter, report the test results in RT 605 and RT 606.
Electronic submittal of quarterly reports [3]	6-25-99	First quarter in 2001	§ 75.64(f)	Electronic submittal of quarterly reports is currently allowed and is the recommended method of submitting data. Beginning on January 1, 2001, submittal through an electronic modem or other approved method is required.
Determination of the normal load level(s) and the two most frequently-used load levels [3]	6-25-99	Second quarter in 2000	Appendix A, Sections 6.5.2.1 and 7.6.5  Appendix B, Section 2.3.1.3	EPA recommends that these determinations be made as soon as possible after June 25, 1999, in order to ensure that, in the interim period from 6/25/99 to 4/1/00: (1) gas monitor RATAs are done at the "normal" load level, in accordance with Section 6.5.2.1 of Appendix A and Section 2.3.1.3 of Appendix B; (2) 2-load annual flow RATAs are done at the two most frequently-used load levels, in accordance with Section 6.5.2.1 of Appendix A and Section 2.3.1.3 of Appendix B; and (3) the bias adjustment factors for multi-load flow RATAs are determined in accordance with revised Section 7.6.5 of Appendix A.  If the load level determinations are made prior to the EDR v2.1 upgrade, keep the required records of the historical data analysis and report the results of the data analysis in RT 910. Thereafter, report this information in RT 536.
Annual span/range evaluation [3]	6-25-99	12-31-99	Appendix A, Sections 2.1.1.5, 2.1.2.5, 2.1.3.3, and 2.1.4.3	Perform the annual span and range evaluation required by these provisions no later than 12-31-99 for the 1999 calendar year and at least once in each subsequent year.

(cont.)

Category 4 Provisions				
Part 75 or 72 Rule Provision and [Category]	Effective Date or Date First Allowed	Date or Quarter Required	Key Rule Citation(s)	Guidelines for Implementation and Reporting
New monitoring plan updating procedures [4]	6-25-99	1-01-00	§ 75.53(b), (e), and (f)	<p>§ 75.53(b) requires monitoring plans to be updated whenever changes are made to a monitoring system that affect the information in the monitoring plan. EPA is moving toward an all-electronic process for updating monitor plans. At the present time, the Agency is able to receive electronic monitor plan updates in the quarterly report submittals, but not at other times.</p> <p>EPA projects that by January 1, 2000, a mechanism will be in place for receiving electronic monitor plan updates at all times. Until then, sources should continue to provide hardcopy monitor plan updates to the States and Regions and submit updated monitoring plan data in each quarterly report, as has been done in the past.</p>

**Table 1: Summary of May 26, 1999 Revisions to 40 CFR Parts 72 and 75  
With Implementation Guidelines**

Use of EPA protocol calibration gases that conform to the September, 1997 protocol document, for daily calibrations, linearity checks and reference method testing [4]	6-25-99	8-25-99	Appendix A, Section 5.1	<p>As of June 25, 1999, the results of an EPA inquiry showed that all major calibration gas suppliers were either using the 1997 protocol or would be using it within a few weeks of the effective date of the rule.</p> <p>Therefore, calibration gases received or ordered prior to August 25, 1999 may be used until their expiration date. All gas cylinders ordered on and after August 25, 1999 must meet the new protocol.</p>
Use of maximum potential concentration of SO <sub>2</sub> , maximum potential flow rate, or maximum NO <sub>x</sub> emission rate when percent monitor data availability (PMA) is < 80.0% [4]	6-25-99	4-01-00	§ 75.33	<p>Implementation of this provision is not required until the deadline for upgrading to EDR v2.1 (April 1, 2000).</p> <p>Use of this provision prior to the required EDR v2.1 upgrade is allowed if the change is incorporated into the DAHS in an automated fashion and the proper MODC code of 12 is used in RTs 200, 220, and 320. Manual entry of the MODC code is permitted.</p>
Reporting of 200% of the range for a full-scale exceedance of the high range of an SO <sub>2</sub> analyzer, NO <sub>x</sub> analyzer or flow monitor [4]	6-25-99	4-01-00	Appendix A, Sections 2.1.1.5, 2.1.2.5, and 2.1.4.3	<p>Implementation of the provision is not required until the deadline for upgrading to EDR v2.1 (April 1 2000).</p> <p>Use of this provision prior to the required EDR v2.1 upgrade is allowed if the change is incorporated into the DAHS in an automated fashion and if the proper MODC code of 20 is used. Manual entry of the MODC is permitted.</p>
CO <sub>2</sub> and heat input rate missing data procedures [4]	6-25-99	4-01-00	§ 75.35 and § 75.36	<p>Use of the new mathematical algorithms for CO<sub>2</sub> and heat input rate missing data is required beginning on April 1, 2000 for units that use CEMS for CO<sub>2</sub> and heat input rate.</p> <p>Although the rule allows use of the algorithms prior to April 1, 2000, EPA advises that they <u>not</u> be used until the EDR v2.1 upgrade has been done and the missing data routines can be automatically implemented by the DAHS.</p>

(cont.)

**Table 1: Summary of May 26, 1999 Revisions to 40 CFR Parts 72 and 75  
With Implementation Guidelines**

Category 4 Provisions (cont.)				
Part 75 or 72 Rule Provision and [Category]	Effective Date or Date First Allowed	Date or Quarter Required	Key Rule Citation(s)	Guidelines for Implementation and Reporting
Quality assurance of moisture data and moisture missing data routines [4]	6-25-99	4-01-00	§ 75.11(b), § 75.12(b), § 75.37, § 75.4(l), and § 75.20(c)(5) through (c)(7)	<p>This requirement applies only to units for which moisture corrections are required to properly calculate emissions or heat input rate. Incorporate the selected moisture methodology and program the missing data routines into the DAHS by the deadline for the EDR v2.1 upgrade (April 1, 2000). The new moisture provisions are not adequately supported by EDR v1.3; therefore, EPA recommends that you not implement these provisions until the DAHS is upgraded to EDR v2.1.</p> <p>Sources that have historically accounted for moisture and reported percent moisture in RT 220 of EDR v1.3 should continue to do so until the EDR v2.1 upgrade is performed.</p> <p>Beginning on April 1, 2000, report moisture data in RT 212 or, if a default percent moisture value is used, report the value in RT 531.</p>
Use of special component type code for dual range analyzer with a single component ID [4]	6-25-99	4-01-00	Appendix A, Sections 2.1.1.4(d) and 2.1.2.4(c)	Continue to report a component type code of SO <sub>2</sub> or NO <sub>x</sub> in column 23 of RT 510, until April 1, 2000 or January 1, 2000, depending on the date of the DAHS upgrade to EDR v2.1. You must use the new "special" component type code SO <sub>2</sub> A or NO <sub>x</sub> A when you upgrade to EDR v2.1 format.
Revised definition of pipeline natural gas and natural gas [4]	6-25-99	4-01-99	§ 72.2 Definitions and Appendix D, Sections 2.3.1, 2.3.2, and 2.3.3	<p>The revised definitions of "Pipeline natural gas" (PNG) and "Natural gas" (NG) in § 72.2 must be used when you begin reporting in EDR v2.1 format. (Either April 1, 2000 or January 1, 2000 if the EDR v2.1 upgrade is done at that time). Prior to the EDR v2.1 upgrade, continue monitoring and reporting data in the previously accepted manner.</p> <p>The Agency will be issuing guidance on the use of the revised definitions of pipeline natural gas and natural gas in the near future. Please consult this guidance to assist you in determining whether the fuel that you combust qualifies as pipeline natural gas or natural gas.</p>
Category 5 Provisions				
Part 75 or 72 Rule Provision and [Category]	Effective Date or Date First Allowed	Date or Quarter Required	Key Rule Citation(s)	Guidelines for Implementation and Reporting
Low mass emissions (lme) unit excepted methodology [5]	11-26-98 (original) and 6-25-99 (revised)	Optional provisions that may not be used until 1-01-00	§ 75.19	<p>The LME methodology was originally promulgated on October 27, 1998. Use of this methodology is optional but must begin at the start of a calendar year and may not be used until January 1, 2000. See § 75.53(f)(5) and § 75.19(a) for LME monitoring plan and application requirements.</p> <p>The use of the LME provisions requires the submission of an EDR in v2.1 format. You may not report data for a LME unit using EDR v1.3. Therefore, if you elect to report as an LME unit in 2000, EDR v2.1 reporting format must be used, starting on January 1, 2000.</p>

**Table 1: Summary of May 26, 1999 Revisions to 40 CFR Parts 72 and 75  
With Implementation Guidelines**

(cont.)

Category 6 Provisions				
Part 75 or 72 Rule Provision and [Category]	Effective Date or Date First Allowed	Date or Quarter Required	Key Rule Citation(s)	Guidelines for Implementation and Reporting
Requirement for a 4 month waiting time between successive RATAs removed from rule [6]	6-25-99	NA	Removed from Appendix B, Section 2.3.1	Successive RATAs performed on and after June 25, 1999 may be separated by fewer than 4 months.
Requirement for a 2 month waiting time between successive linearity checks removed from rule [6]	6-25-99	NA	Appendix B section 2.2.1	On and after June 25, 1999, the minimum waiting time between successive linearity tests has been reduced to 30 days, "to the extent practicable."
Quarterly reports for "deferred" Acid Rain units (i.e., existing affected units that were shut down on the applicable compliance deadline in § 75.4(d), and have never operated since) need not be submitted until the unit re-commences commercial operation [6]	6-25-99	NA	§ 75.64(a)	Owners and operators should discontinue the submittal of abbreviated EDR reports for deferred units, starting with the second calendar quarter of 1999.
Restriction to two RATA attempts to obtain an annual frequency or favorable BAF removed from rule [6]	6-25-99	NA	Appendix B Section 2.3.1.4	On and after June 25, 1999, you may perform as many RATAs as are deemed necessary to obtain an annual RATA frequency or a more favorable BAF.
Requirement to perform annual concurrent flow and SO <sub>2</sub> RATAs removed from rule [6]	6-25-99	NA	Removed from Appendix A, Section 6.5	As of June 25, 1999, SO <sub>2</sub> and flow RATAs need not be performed concurrently at normal load.
Submittal of reasons for missing data in RT 550 [6]	6-25-99	NA	§ 75.54(g) and § 75.57(h)	Beginning with the quarterly report for the third quarter of 1999, submission of this record type is optional.
Requirement to maintain an on-site spare parts inventory removed from rule [6]	6-25-99	NA	Removed from Appendix B Section 1.3	Maintenance of an on-site spare parts inventory is no longer required, as of June 25, 1999.